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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **NLMI.P136**

First Inventor **Michael E. Ichiriu**

Title **CONTENT ADDRESSABLE MEMORY WITH MULTI-PORTED  
COMPARE AND WORD LENGTH SELECTION**

Express Mail Label No. **EV 326 938 685 US**

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **63**]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **13**]
5. Oath or Declaration [Total Pages **2**]
  - a. ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))
  - b. ☐ (for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☒ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Certificate of Deposit with USPS as Express Mail

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No. **10, 448,820**

Prior application information: Examiner: **Not Yet Assigned** Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name **Shemwell Gregory & Courtney LLP**

Address **4880 Stevens Creek Boulevard**

**Suite 201**

City **San Jose** State **California** Zip Code **95129-1034**

Country **U.S.A.** Telephone **408-236-6640** Fax **408-236-6641**

Name (Print/Type) **Charles E. Shemwell** Registration No. (Attorney/Agent) **40,171**

Signature  Date **07/18/2003**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

19587 U.S. PTO  
10/622862

07/18/03

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**FEE TRANSMITTAL**  
**for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ ) 1390.00**Complete if Known**

Application Number	
Filing Date	Herewith
First Named Inventor	Michael E. Ichiriu
Examiner Name	
Art Unit	
Attorney Docket No.	NLMI.P136

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

501914

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$ ) 750</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
44	-20** = 24	x 18	= 432
5	-3** = 2	x 84	= 168
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>			<b>(\$ ) 600</b>

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**


Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ ) 40**SUBMITTED BY**

Name (Print/Type)	Charles E. Shemwell	Registration No. (Attorney/Agent)	40,171	Telephone	408-236-6645
Signature		Date	July 18, 2003		

**WARNING: Information in this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.


If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<b>NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor		Ichiriu, Michael E.
	Title	CONTENT ADDRESSABLE MEMORY WITH MULTI-PORTED COMPARE AND WORD LENGTH SELECTION	
	Attorney Docket Number		NLMI.P136

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

July 18, 2003  
Date

  
Signature

408-236-6645

Telephone number

Charles E. Shemwell

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## EXPRESS MAIL CERTIFICATE OF MAILING


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Date of Deposit: July 18, 2003

I hereby certify that I am causing the paper(s) and/or fee(s) indicated below to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that the paper(s) and/or fee(s) have been addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Charles E. Shemwell

(Typed or printed name of person mailing paper(s) or fee(s))



(Signature of person mailing paper or fee)

July 18, 2003

(Date signed)

Serial/Patent No.: \_\_\_\_\_ Filing/Issue Date: Herewith

Title: CONTENT ADDRESSABLE MEMORY WITH MULTI-PORTED  
COMPARE AND WORD LENGTH SELECTION

Atty. Docket No.: NLMI.P136 Date Mailed: July 18, 2003

- |  |  |
|--|--|
| <input type="checkbox"/> Amendment/Response ( pgs.)                                | <input type="checkbox"/> Petition for Extension of Time ( month(s))            |
| <input type="checkbox"/> Preliminary Amendment ( pgs.)                             | <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08A         |
| <input checked="" type="checkbox"/> Application - Utility ( <u>63</u> pgs.)        | <input type="checkbox"/> Issue Fee Transmittal                                 |
| <input type="checkbox"/> Application - Rule 1.53(b) Contin. ( pgs.)                | <input type="checkbox"/> Submission of Formal Drawings                         |
| <input type="checkbox"/> Application - Rule 1.53(b) Divis. ( pgs.)                 | <input type="checkbox"/> Notice of Appeal                                      |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP ( pgs.)                    | <input type="checkbox"/> Appeal Brief ( pgs. in triplicate)                    |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA ( pgs.)                    | <input type="checkbox"/> Reply Brief   |
| <input type="checkbox"/> Application - PCT ( pgs.)                                 | <input type="checkbox"/> Response to Notice of Missing Parts                   |
| <input type="checkbox"/> Application - Provisional ( pgs.)                         | <input checked="" type="checkbox"/> Utility Patent Application Transmittal     |
| <input checked="" type="checkbox"/> Drawings ( <u>13</u> sheets)                   | <input checked="" type="checkbox"/> Fee Transmittal (in duplicate)             |
| <input checked="" type="checkbox"/> Declaration ( <u>2</u> pgs.)                   | <input checked="" type="checkbox"/> Itemized Postcard                          |
| <input checked="" type="checkbox"/> Assignment & Cover Sheet ( <u>3</u> pgs.)      | <input checked="" type="checkbox"/> Express Mail Certificate Of Mailing        |
| <input checked="" type="checkbox"/> Power of Attorney by Assignee ( <u>2</u> pgs.) | <input checked="" type="checkbox"/> Express Mail No. <u>EV 326 938 685 US</u>  |
| <input checked="" type="checkbox"/> Nonpublication Request (35 USC 122(b))         | <input checked="" type="checkbox"/> Check No. <u>3002</u> Amt <u>\$1390.00</u> |
| <input type="checkbox"/> Other _____   |  |